High Performance, High Density Server Platform

Transport GT20

B5350 with Intel® Xeon™

▼ Front View(B5350G20S4H)

▼ Front View(B5350G20S2H-LC)

2 hot-swap HDDs
Slim CD-ROM drive (optional)

▼ Back View

Key Feature

Dual Xeon, max 16 GB memory, 2 GbE, PCI-X slot

- SupportIntel® Xeon™ up to 3.8GHz, with 800MHz FSB
- Eight (8) DIMMS, supporting up to 16GB DDR333 memory
- Integrated two (2) gigabit Ethernet LANs
- Support hot-swappable SATA HDDs, with RAID 0, 1
- Automatic fan speed control function
- Screw-less design for better servicibility
- 1U rack-mountable form factor, 22.4" in depth, 500W power supply
- Models:

Model Number	HDD bay (No. of HDD)	Storage Backplane	System Board
B5350G20S4H	Hot-swappable(4)	4-port SATA	S5350G2NR-1U
B5350G20S2H-LC	Hot-swappable(2)	2-port SATA	S5350G2NR-1U

(Specifications are subject to change without notice. Items pictured may only be representative.)

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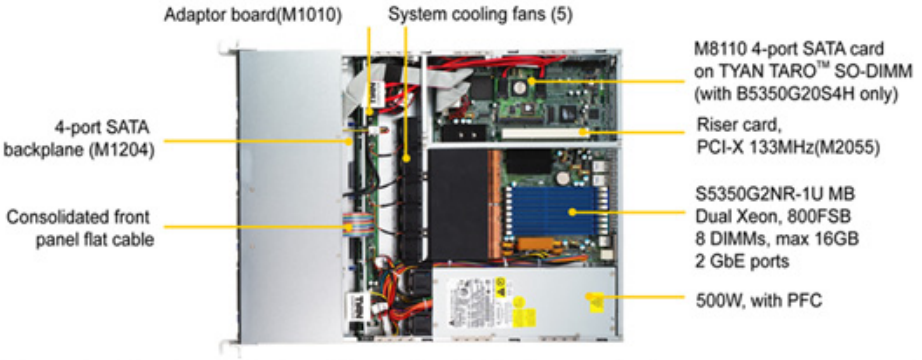
▼ B5350G20S4H TOP View


Adaptor board(M1010)
System cooling fans (5)
4-port SATA backplane (M1204)
Consolidated front panel flat cable
M8110 4-port SATA card on TYAN TARO™ SO-DIMM (with B5350G20S4H only)
Riser card, PCI-X 133MHz(M2055)
S5350G2NR-1U MB
Dual Xeon, 800FSB
8 DIMMs, max 16GB
2 GbE ports
500W, with PFC

S P E C I F I C A T I O N S

Enclosure
- Industry 19" rack-mountable 1U chassis
  - (1) slim CD-ROM bay
  - (4) or (2) 3.5" HDD bays
- Dimension: D 22.4 x W 17.2 x H 1.72 inch (568x436x43.6mm)

Processors
- Dual mPGA604pin ZIF sockets
- Supports one or two Intel Xeon™ (Nocona) processors, FSB 800MHz

Chipset
- Intel Lindenhurst-VS (E7320) MCH
- Intel Hance Rapids (6300ESB) South Bridge
- SMSC DME1737 LPC I/O chip
- Analog Devices ADM1027 or SMSC6D102 Hardware Monitoring IC

Memory
- Dual channels, (8) DIMM sockets
- Supports up to 16 GB Registered DDR333/266 memory
- Supports ECC type memory modules

Expansion Slots
- (1) 64-bit,66 MHz PCI-X slot on riser card(Riser card model: M2055)

Back I/O Ports
- Stacked PS/2 Mouse & Keyboard ports
- Stacked 2 USB 2.0 ports
- (1) 9-pin UART Serial port
- (1) 15-pin VGA port
- (2) RJ45 connectors

Front Panel Features
- I/O
  - (2) USB 2.0 ports
- LED indicators
  - Power LED
  - LAN LEDs
  - HDD Active LED
  - System fail LED
- Switch
  - Power
  - Reset

Integrated Storage Controller
- M8110 SO-DIMM SATA card for B5350G20S4H SKU
  - Adaptec AIC-8110 SATA controller
  - Support 4 ports SATA running at 1.5Gb/sec
  - Adaptec Host RAID support RAID 0,1 & RAID 10
- Integrated Serial ATA (6300ESB) for B5350G20S2H-LC SKU
  - Support 2 ports SATA, RAID 0,1

Storage
- Hard Disk Drive Support
  - B5350G20S4H: (4) hot-swappable, SATA HDD with RAID 1,0, 10
  - B5350G20S2H-LC: (2) hot-swappable SATA HDD with RAID 1, 0

Networking
- (2)Gigabit Ethernet ports (Broadcom BCM5721 PCI-E GbE LAN controller connected MCH),with teaming feature support

Video
- ATI® Rage™ XL PCI graphics controller
- 8MB Frame Buffer of video memory

Motherboard
- TYAN Tiger i7320 S5350G2NR-1U system board
- ATX footprint (10.2" x 12")

BIOS
- Phoenix 8Mbit LPC Flash ROM
- Supports ACPI 1.0b & APM 1.2
- PnP, DMI2.0, WfM2.0
- Power Management

Server Management
- System fan speed control and monitoring
- Chassis intrusion alert
- Support Tyan Server Management(TSM)

System Cooling
- (5) 40*40*28mm 15000rpm heavy-duty fans
- (2) passive CPU heatsinks

Power Supply
- EPS 12V, 1U, 500W with PFC
- 100V~240V AC input

Regulatory
- FCC Class B (Declaration of Conformity)
- CE (Declaration of Conformity)
- UL Safty Certificate

Environment Temperature
- Operating temperature 5 C ~ 35 C
- Non-operating temperature -40 C ~70 C

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